

Title (en)
AIRCRAFT SIDESTICK PRIORITY AND DUAL INPUT CONTROL LOGIC

Title (de)
FLUGZEUG-SIDESTICK-PRIORITÄT UND DOPPELEINGANGS-STEUERLOGIK

Title (fr)
LOGIQUE DE COMMANDE DE PRIORITÉ DE MANCHE LATÉRAL ET D'ENTRÉE DOUBLE D'AÉRONEF

Publication
EP 3008532 A1 20160420 (EN)

Application
EP 14734225 A 20140609

Priority
• US 201361835090 P 20130614
• IB 2014000997 W 20140609

Abstract (en)
[origin: WO2014199212A1] The present invention relates to a fly-by-wire type of aircraft flight control system having a pair of sidesticks for pilot and co-pilot input, respectively, and having logic that controls the priority of input as between the two sidesticks in certain aircraft flight situations. It allows either the pilot or co-pilot to ensure that his/her sidestick is the only one issuing flight control commands at any one moment in time by first pressing a simple latch button located, for example, on the glareshield in the cockpit and then maneuvering the sidestick in the desired manner to effectuate flight control, e.g., pitch and/or roll, of the aircraft.

IPC 8 full level
G05D 1/00 (2006.01); **B64C 13/12** (2006.01)

CPC (source: EP US)
B64C 13/0421 (2017.12 - EP US); **B64C 13/0423** (2017.12 - EP US); **B64C 13/0427** (2017.12 - EP US); **G05D 1/0061** (2024.01 - EP US); **G05D 1/0077** (2024.01 - EP US); **Y02T 50/40** (2013.01 - EP)

Citation (search report)
See references of WO 2014199212A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014199212 A1 20141218; CA 2914392 A1 20141218; CA 2914392 C 20211026; CN 105308525 A 20160203; CN 105308525 B 20180608; EP 3008532 A1 20160420; EP 3584660 A1 20191225; US 2016109882 A1 20160421; US 9690291 B2 20170627

DOCDB simple family (application)
IB 2014000997 W 20140609; CA 2914392 A 20140609; CN 201480032904 A 20140609; EP 14734225 A 20140609; EP 19191987 A 20140609; US 201414896940 A 20140609